

SECRET

1	2	3	4	5	6

DATE 2109Z 3 MAY 63

NRO REVIEW COMPLETED

TO : DIRECTOR

25X1A FROM [REDACTED]

ACTION: OSA (1-15)

INFO : S/C (16)

TOR 2153Z 3 MAY 63

25X1A

PRIORITY

IN 74954

TO PRITY [REDACTED]

INFO PRITY [REDACTED]

CITE [REDACTED]

7053 25X1A

CORONA L

ATTN: AFCCB MEMBERS [REDACTED]

FROM: S.E.

SUBJ: L-2 COMPATIBILITY T.D.

DOCUMENT NO. 37
NO CHANGE IN CLASS. ☒
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S G
NEXT REVIEW DATE: 20 11
AUTH: HR 70-2
DATE: 17-7-81 REVIEWER: [REDACTED]

25X1

1. TD 1030, TITLED PREFLIGHT MODIFICATION - CORONA L-2, HAS BEEN INITIATED TO DOCUMENT A PREFLIGHT MODIFICATION ACCOMPLISHED 5-3-63 ON L-2.

2. TD 1030 DIRECTS [REDACTED] TO CHANGE THE POSITION OF THE V/H PROGRAMMER RESET CAM TO ENSURE THAT PROGRAMMER RESET WILL OCCUR SUBSEQUENT TO THE RESET OF THE V/H PROGRAMMER DELAY START STEPPER SWITCH IN THE SYSTEM DECODER.

A. CHANGE RESET CAM ACTUATION FROM 37 MIN TO 77 PLUS/MINUS 1 MIN AFTER PROGRAMMER START.

B. ADJUST SEPARATION BETWEEN RESET CAM ACTUATION AND PROGRAMMER OFF CAM ACTUATION TO ENSURE AT LEAST 30 SEC SEPARATION BETWEEN EVENTS.

3. JUSTIFICATION: THE SYSTEM DECODER AS PRESENTLY DESIGNED CAN SEND A SECOND V/H PROGRAMMER START PULSE TO THE PROGRAMMER AT APPROXIMATELY 65 MIN AFTER PROGRAMMER START. THIS PULSE WOULD RE-LATCH

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

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25X1A

S E C R E T

PAGE TWO

[REDACTED] (IN 74954)

THE PROGRAMMER START RELAY WHICH WOULD PREVENT THE PROGRAMMER FROM STOPPING AT 80 MIN. THEREFORE THE PROGRAMMER WOULD NOT BE IN ITS START POSITION FOR THE NEXT PASS, RESULTING IN LOSS OF V/H MATCH. BY CHANGING THE RESET CAM ACTUATION TO 77 MIN THE SECOND PULSE FROM THE DECODER IS NEGATED.

END OF MESSAGE

S E C R E T